



REED BUILDERS, L.L.C. PORTFOLIO

Reed Builders, LLC
9655 Perkins Rd, STE C-224
Baton Rouge LA 70810

P: (225)938-5741
P: (22) 588-8825
IG: reedbuildersllc
FB: facebook.com/reedbuilders.net

raphew@reedbuilders.net
raphael@reedbuilders.net



OUR COMPANY PORTFOLIO

Reed Builders LLC. offers general contracting services headquartered in Baton Rouge, LA



TABLE OF CONTENTS

Our Company	04
CEO Statment	06
Resume	08
Project Recognition	37

OUR VISION

Reed Builders LLC aims to deliver a unique design that emplos design and materials in a creative and unconventional way. Our goal is to provide architectural and design services in the context of strong and rewarding interpersonal client relationships.

COMPANY

Reed Builders, LLC, Owned/Managed by Raphew Reed, Sr., is a general contracting company founded in November 2004. Reed Builders a Design / Build company holds a Louisiana State – Building Construction, Swimming Pool, and Residential Building Contractor license. Raphew also holds an International Code Council Residential Building Inspector Certification.

Reed Builders has designed, financed and constructed custom homes costing millions of dollars. Reed Builders has also designed and constructed homes for the City of St. Gabriel, Prairieville, Zzachary, Baker LA as part of their low-income housing program. Reed Builders is an approved USDA Builder and has also constructed housing for the USDA Program. Other associates used as consultants are Enrique Saladrigas of ECS Engineering, Walter Zehner of Walter Zehner & Associates, Southern Earth Science Geotechnical, and Russel Mistic of C. Mistic Surveyors.

Raphew brings a wealth of education and experience to the company, with a B. S. degree in Mechanical Engineering, and over 27 years of experience in construction as a Sr. Project Engineer and 15 years as a general contractor. Raphew has managed projects up to 20 MM dollars, with hundreds of projects valued over 200 million dollars. These projects consist of the construction of foundations, Warehouse building, containment levels, underground and elevated piping, streets, water/gas/process lines installation, homes, process towers, cooling towers, tanks and the relocation and rebuilding of a complete chemical process plant from another state.

Reed Builders also has a consultant – Raphael Reed with a B. S. in Architecture, who is a member of the AIA – American Institute of

Architects and CSI – Construction Specifications Institute

Reed Builders is a member of the Capital Region Builders Association, Louisiana Home Builders Association, ICC – International Code Council, BOAL – Building Official Association, National Association of Home Builders. The above items help the company to stay current with the continuous change in the building codes. Representatives from Reed Builders attend the International Home Builders show every year and this enables the company to actually meet vendors, keep current with the latest products, and see product from various countries.

Raphew's education, training and field experience is managing turn-key projects, establishing design scope, generating and tracking project cost and budget, generating and tracking construction schedules, designing and preparing construction drawing to obtain construction permit, obtain financing and construction bids, hiring



CEO'S STATEMENTS

REED BUILDERS L.L.C.

RAPHEW REED SR.

CEO Reed Builders LLC

Having over 300million in capital projects completed by our Sr. Engineer, Our company has combined leading construction technologies, sustainable materials with exquisite classical design to achieve solid, eco-friendly, timeless classics in new upscale home development. We are expert home builders and know what it takes to create a masterpiece. That is why we have created a team of highly qualified and reputable Architects, Engineers, Master Carpenters and Designers, to name a few, to provide a seamless experience with creativity, knowledge, and integrity to design & build your dream project composed exquisitely and delivered on time. The level of sophistication and flair expressed by our specialized designers is matched by the extensive skills of our structural engineers and top-level professional building staff. Together with our clients, we plan and create homes that not only convey elegant classical beauty and practical functionality, but stand solidly on substantial state-of-the-art structure.

OUR PHILOSOPHY

We do much more than simply design, build and renovate homes we appreciate the opportunity to contribute to your future and we manage the process with you. Short of constructing the project yourself, we want you to know that the team you select will build to your discriminating standards and that the end result provides the value you deserve for your investment.

We assist you in visualizing your dream home and translating it into functional plans. We build it for you, using only the highest quality of materials and most skilled craftsmen. We build our homes, and our relationships, to last. From design and build, to installation and maintenance, we look forward to helping you create the perfect surroundings for your evolving lifestyle.



RESUME

Raphew Tyrone Reed, Sr.
REED BUILDERS, LLC
9655 Perkins Rd STE C-224, Baton Rouge, La 70810
Cell: (225) 938-5741,
Office: (225) 384-6693, Cell: (225) 938-5741,
Email: raphew@reedbuilders.net
Website: www.reedbuilders.net

EDUCATION:

5/79 Southern University A&M College, Baton Rouge, Louisiana
B.S. Mechanical Engineering

2/04 to Present **REED BUILDERS, L.L.C.**
Design / Build General Contractor
Licensed in Louisiana:

- Building Construction License LA #42524
- Residential Building Contractor License LA #86998
- Residential Building Inspector - ICC Certificate #5245293-B1; ICC – International Code Council
- EPA Lead Paint (RRP) Certified # R-I-18351-10-10057
- Approved USDA Rural Development Builder
- NAHB – Design / Build, Certified (5/24/05)

PROFESSIONAL MEMBERSHIPS:

- ICC - International Code Council
- BOAL – Building Officials Association of LA
- Capital Region Builders Association
- LA Home Builders Association
- National Association of Home Builders

EDUCATION: **As General Contractor**

2016:

AWC – American Wood Council Course

- STD340-1 Disaster Resistant Wood Frame Construction Example using 2015 WFCM – Part 1: Loads (5/5/16)
- STD340-2 Disaster Resistant Wood Frame Construction Example using 2015 WFCM – Part 2: Roof Story (5/12/16)
- BCD220 – Fire Resistance Design for Wood Construction (6/23/16)

2015 EDUCATION: **As General Contractor**
Misc. Cont



ICC – International Code Council / BOAL - Building Officials Association of Louisiana Seminars

- 2012 IBC Inspection of Fire Resistance Rated Walls (9/23/15)
- 2012 IBC Inspection of Fire Resistance Rated Floors, Ceilings and Roofs (9/23/15)
- August 19, 2015; Code Requirement for Manual J, D, & S
Guest Speaker: Kenny Ripberger; Phil Granier
- June 24, 2015; Photovoltaic System
Guest Speaker: John Farinelli

Kitchen & Bath Design News

March 26, 2015; How Contemporary Design and Cutting –edge Technology can Result in Sales/ Profits for Designers Working with Today’s New Clients.

Guest Speaker: Ellen Cheever; Eric Schimelpfenig

CRBA – Capital Region Builders Association

March 21, 2015; Risk Management & Quality Control

2014:

ICC –International Code Council / BOAL - Building Officials Association of Louisiana Seminars

- December 4 – 5, 2014; 2012 IRC Performing Residential Plan Reviews
Guest Speaker: John Farinelli

Simpson Strong-Tie

- June 19, 2014; High Wind Design & Construction
- June 18, 2014; Design Criteria Related to Products for ICI

CRBA & Area Building Officials

- March 8, 2014; Water Intrusion Issues & Workers Cop Issues

2013:

CRBA & Area Building Officials

- March 9, 2013; Exterior Finishes and Builder Issues

ICC –International Code Council / BOAL - Building Officials Association of Louisiana Seminars

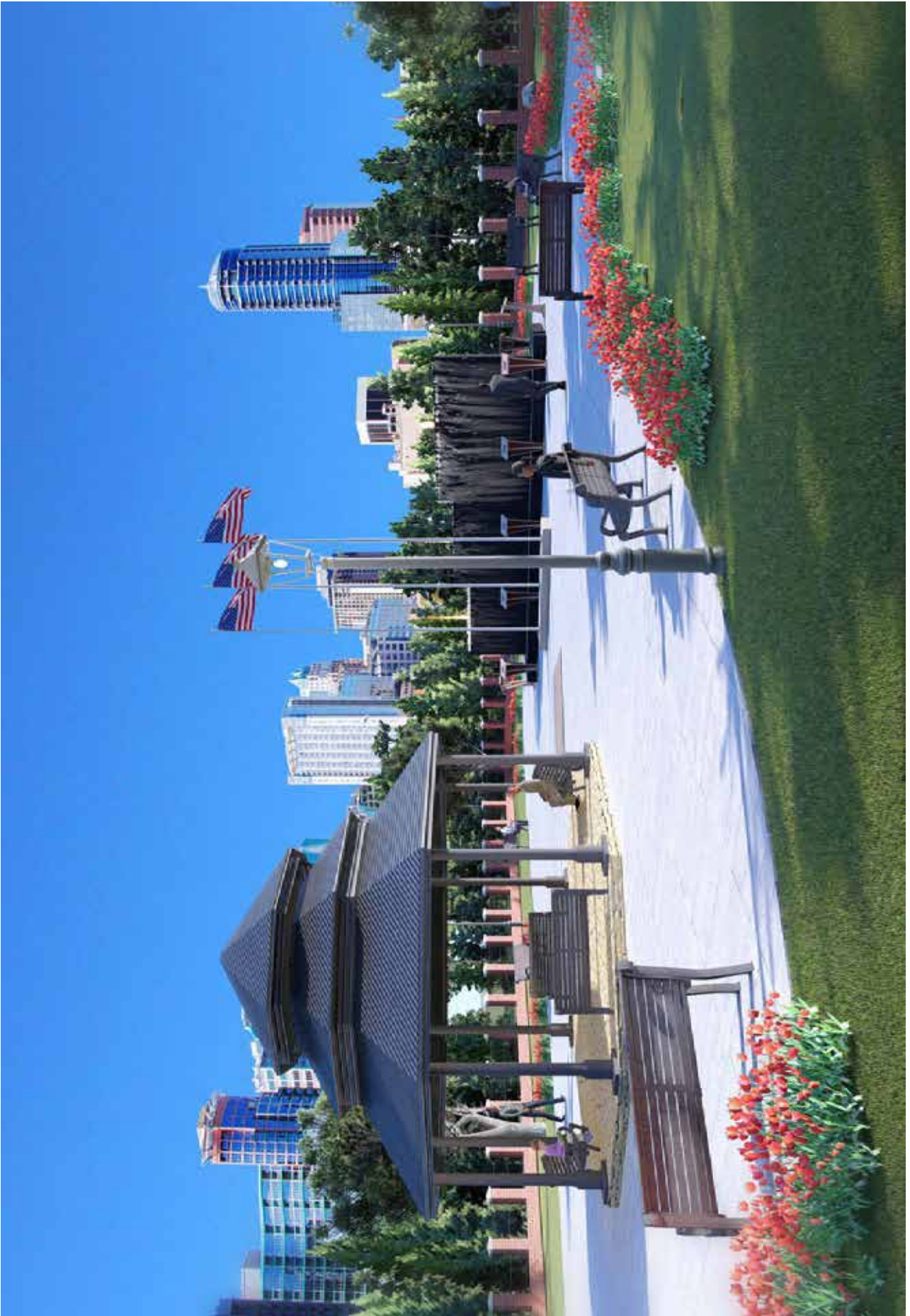
- May 2,3, 2013; 2009 IBC Performing Nonstructural Plan
Guest Speaker: Terrell Stripty

2012 EDUCATION: **As General Contractor** Misc. Cont

2012:

CEDIA – Custom Electronic Design & Installation Association

- March 2, 2012;
Effective Application of Video Surveillance in Schools



Integrating Technology into the Worship Environment
Lighting Control – Accredited Contractor Advantage Training
The Art of Hiding Technology
See Technology in Action-Guided Instructional Tour of Technology Pavillon

ICC –International Code Council / BOAL - Building Officials Association of Louisiana Seminars

· December 7, 2012; 2009 IBC Concepts of Designing Wood Structures

Guest Speaker: Jim Quigley

ProSource

· December 13,2012; Laticrete, Stonetech, ICF, Masterbrand, Shaw

2011:

AIBD (American Institute of Building Design) (6/17) Outdoor Kitchen Design, Solar
Panels application

2010:

HAI Factory Security System Training (1/12-13); Building on Energy Efficient Home & Update
on Lead Paint “Capitol Region

2009:

Builders Association” (3/7); EPA Lead Paint (RRP) Training(5/25); ICC 2009 IRC Significant
Changes (10/7)

Institute for Building Technology and Safety (IBTS):

International Res. code (1/14-15); Res. Plmb./ Mech. Fund.(1/28); Res. Energy Eff. (1/29);
Elec. Fund.(2/4-5);

Comm. Bldg. Code Fund.(2/11-12); Bld. Use Class./Occupancy(3/11); Bldg Const. Type, Ht. &
Area(2/12);

Bldg. Fire Safety(3/18); Bldg. Fire Protection(3/19); IRC Hurricane Resis. Const.(3/23); IBC
Wind Load Design (3/24); Bldg. Means of Egress (4/1); Accessibility for Plan Review and In-
spection (4/2); Existing Bldg. Compliance Alternatives(4/15);

2009 EDUCATION: As General Contractor

Misc. Cont

Comm. Bldg. Plan Review (4/16); Res. Electrical to the NEC (4/22); Res. Mech. to the IMC
(4/23); Fuel Gas Req. (5/6); Mech. Plan Review (5/7); Res. Plmb. LA. Code (5/13); Comm.
Plmb. LA.

Code (5/14); Comm. Elec. Inspection Part 1/2 (5/20); Permit Technician (5/20-21); Interna-
tional Res. Plan Review (6/3-4/);

Risk Management/New Home Warranty Act “Capitol Region Builders Association” (3/7); Soil
& Foundation Practices “ BOAL”(5/26)



2008:

Capitol Region Builders Association -IRC requirements for brick veneer residential, Proper installation of cement based stucco, (3/1); Residential Design and Construction Strategies with Engineered Wood, CRBA(6/4); Manufactured Housing vs Modular Homes, IBTS Institute(6/5); UL/Fire Resistive & Fire Loss in Assemble Construction, Building Official of LA (6/11), Institute for Building Technology and Safety (IBTS): Permit Technician (12/10-11);

2007:

Capitol Region Builders Association Significant Changes to Code / REScheck, (3/3);Health, Safety& Energy Technology, McManus Enterprises (6/28); High Wind Design & Analysis Workshop (7/25-26),LA Department of Natural Resources - Compliance Tool for the Residential & Commercial Building Energy Conservation Code, (8/8)
 Capitol Region Builders Association – New Technologies and Builders (3/4); BOA Building Officials Association of LA- Post
 Hurricane Katrina Rebuilding Louisiana (3/17); Simpson Strong-Tie – Intro to High Wind Workshop (3/30);
 Design for High Wind (3/31);
 Tri-State Consultants –
 Detailed Review of the 2003 International Building Code For Inspectors and Plan Reviewers (8/23-25);
 Detailed Review of the 2003 International Building Code Plumbing, Mechanical, Fuel Gas For Inspectors and Plan Reviewers (8/28-25);
 Home Builders Association of Greater New Orleans –
 IRC Hurricane Resistant Construction (9/29)
 The IBHS Guidelines for Hurricane Resistant Residential Construction (9/30)
 Trus Joist University – Fundamentals of Engineering Lumber Products, Residential Products Seminar (10/4-10/6).

2009 EDUCATION: **As General Contractor****Misc. Cont****2005:**

Small Business Administration-A Procurement Opportunities Conference (3/3); Capital Region Builders Association – Beyond Entergy, Site & Soil Analysis, DEMCO & the Builder, Storm water Management (3/5); International Code Council / HUD – Workshop for Fair Housing ACT Accessibility (3/16); Home Builders Association of Greater New Orleans – Moisture Infiltration and Indoor Air Quality & Pressure Treated Southern Pine CCA Transition (3/24), Greater Houston Builders Association – Design / Build (5/24), BOA- Building Officials Association of LA – Code Management: A Systems Approach (8/18).

EDUCATION: **As Engineer****Misc.:**



Additional Education Courses taken on the job – Compression and Steam Turbine Technology, The center for Professional Advancement (8/80); Gas Compressor Valve Reconditioning, Ingersoll-Rand Company, Gas Compress Group (4/81); The Strategies for Management Seminar, Allied Chemical (4/81); Radiography/Film Interpretation – Level II Test, Hartford Steam Boiler Inspection & Insurance, Nondestructive Test Engineering Division (5/81); Basic Engine/Compressor Analysis School, Rotating & Reciprocating Equipment Specialists (2/82); Geismar Complex Emergency Brigade – Fire Apparatus and Environmental Control Containment Training, Arcadian Corporation (5/87); Decision Making, Greater Baton Rouge Industrial Managers Association (3/88); Geismar Complex Emergency Brigade – Confined Space Rescue Training, Arcadian Corporation (5/88); Achieving A Positive Image, Greater Baton Rouge Industrial Managers Association (2/89); Geismar Complex Emergency Brigade – 1000 GPM Fire Fox, Fire Truck Training (5/89); Project Management: Critical Path Sch., Greater Baton Rouge Industrial Managers Association (10/88); Design of Double Containment Piping System, SEC Corporation Education Services (11/91); Clay Liners and covers for Waste Disposal Facilities; University of Texas, College of Engineering (6/92); Hazardous Materials Emergency Response Personnel (1/93); Hazardous Material Emergency Response Personnel (6/93); Supervisory Training (High Performance Leadership)

EDUCATION: As Engineer

Misc. Cont.

Arcadian Corporation (12/93); and Process Plant Estimating Seminar, Richardson Engineering Services (3/94); API Pipeline Operator Qualification Conference (2/01); Confined Space Rescue & Pump Operations (3/00); Confined Space Rescue (7/00); Confined Space Rescue (8/00); Project Management – Kepner Tregoe (/); Decision Making and Problem Solving – Kepner Tregoe (/); Business and Technical Writing, Speaking Effectively, and Writing & Speaking With Sensitivity – Louisiana State University (11/01)

RESPONSIBILITY:

As General Contractor:



SPECIAL PROJECT - Custom Home:

Design Build 14,000 Sq. ft. custom home with theater room, elevator, barn/guest house, pool and pool house, \$4 MM

Design/Build Custom Homes from 2004 to present:

Obtain projects, and some obtain the construction finance, manage and directs the turnkey projects - Meet with clients and real estate brokers to establish design scope , cost budget and construction schedule, design and prepare construction drawing to obtain construction permit, obtain financing and construction bid, hire subcontractors, purchase material and equipment from vendors.

As Engineer:

Project Manager

9/11 to 9/14 Chicago Bridge & Iron, (previous Shaw Group) @ Honeywell
Baton Rouge, LA plant site

Senior Project Engineer:

3/80 to 8/03 PCS Nitrogen Fertilizer, (previous Arcadian Corporation - 5/93,
Allied Chemical - 3/80)

RESPONSIBILITY: **As Engineer**
Misc. Cont.

SPECIAL PROJECT - Experience in Plant Relocation:

\$21 MM Project awarded 1996 National Excellence in Construction.

Relocated a 500 TPD 65% Nitric Acid Plant from Gibbstown, New Jersey to Geismar, Louisiana in 1996. Direct activities for project engineering and performs Engineering duties involving installation of new facilities, expansions, improvement and feasibility studies of existing facilities. Develops complex fixed capital budgets and upon projects approval, construct detailed design and bid packages. Prepares fixed capital requests, and implements projects upon approval. Provide for the approved project conceptual plans which includes specifications for appropriation requests, defining scope, capacities, equipment sizing, materials of construction, general layouts, cost estimates and overall time schedule. Implements construction with outside contractors. Assists other group within the plant on solving plant problems as well as making recommendations on new designs. Prepares monthly Capital Status Report for the Accounting Department and provide insight in administration of PCS Nitrogen



Property matters. Work with the Maintenance Department on turnaround to implement fixed capital project.

Have managed as a project engineer more than 200 Capitol Projects valued, over 250 million dollars

Experience in the following process plant:

Ammonia, ammonia Nitrate, Diammonium Phosphate, Nitric Acid, UREA, Phosphate, Sulfuric, Chlorosulfonic, Ethylene, Genetron and Hydrofluoric Acid.

Maintenance Engineer Responsibility:

Perform equipment inspection and submit in writing, repair recommendations consistent with established engineering standards. Inspect and approve final repairs. Responsible for equipment inspection on; Boiler(package), ASME Section I; Heat Exchanger, ASME Section VI & VIII; Tanks, API 650; Heaters; Cooling Tower; Pipelines; Dravo Crane; Towers; Compressor & Turbines. Establish necessary contract with outside service representatives to assure that instructions and with the cost estimate established. Developed Preventive Maintenance Procedures for cooling towers. Reviewed project engineering proposals for new installations with respect to and new equipment to establish necessary space parts in store stock. Prepared reports and maintained equipment records as required, to establish good history repair records. Provided technical assistance to supervisor-maintenance routinely to insure that equipment maintained in accordance with established engineering standards. Supervised and directed special maintenance repairs as assigned.

10/79 to
3/80

Sperry-Sun
Field Engineer, Oil Well Surveying





Resume

Raphael Tramaine Reed
9655 Perkins Rd STE C-224, Baton Rouge, La, 70810
Cell: (225) 588-8825, Office: (225) 384-6693
Email: raphael@reedbuilders.net

COLLEGIATE EDUCATION

8/2015 Southern University A&M College, Baton Rouge, Louisiana
Bachelor School of Science School of Architecture

PROFESSIONAL MEMBERSHIPS

- AIA – American Institute of Architects
- CSI - Construction Specifications Institute
- NOMAS - National Organization of Minority Architects
- ICC - International Code Council
- DBIA – Design Build Institute of America
- BOAL – Building Officials Associations of Louisiana
- AISC – American Institute of Steel Construction
- CRBA – Capitol Region Builders Association
- NAHB – National Association of Home Builders

LICENSES

- Louisiana State Contractor License
 - Commercial Contractors License
 - Residential Contractors License

PROFESSIONAL DEVELOPMENT

AIA: American Institute of Architects:

- 10/25/18 – Vo,tech School Building Tour: Display of Wayfinding
- 10/05/18 – Report from the Dystopian: Apocalypse World, 2030 Innovations in Net Zero Building
- 10/05/18 – Systemic Building Envelope Failure Horror Stories & How to Avoid Them
- 10/04/18 – Understanding and ending Moisture related flooring
- 10/03/18 - The Art of Specifying Natural Stone
- 10/03/18 – How to avoid the Top 5 problems with Door Hardware Specifications
- 10/03/18 – Historic Building Structural Repairs
- 10/03/18 – Fire and Smoke Protection Features and the New 2018 International Fire Code 701 Requirements
- 03/17/17 – Architecture Building Relationships
- 06/21/16 – Deteriorating Building: Ticking Time Bomb
- 06/21/16 – Color & Paint in Environment for the Aging
- 05/19/16 – Why is accessibility So Hard?



CSI- CONSTRUCTION SPECIFICATIONS INSTITUTE SEMINARS:

- 06/09/18 – Anatomy of a failure: Case Study of the Gatlinburg Wasterwater Treatment Plant Collapse
- 06/08/18 – Bad Design Can Be a crime: ADA issues
- 10/28/16 – Rolling Steel Fire Rated doors, fire barriers, hardware basics, coatings
- 02/26/16 – Challenges with Fire systems specifications
- 10/13/15 – Opening Doors to Design Opportunities with the Model building codes
- 03/10/15 – Codes, Design, and Safe Buildings
- 02/10/15 – Construction Management and Dealing with Trees
- 07/18/11 – “Devil is in the Details”, Importance of understanding project details
- February 10, 2014 - Joint Social Meeting
Guest Speaker- Mr. Floyd Sterling (Gulf States Region President)

CDT Certification Roundtable Sessions

- October 15, 2011
- October 29, 2011
- November 19, 2011
- September 13, 2011- Baton Rouge Meeting
Guest Speaker- Craig Marks
“Site Preparation, Placing, & Finishing”
- July 20, 2011- Joint Social Meeting
Guest Speaker- Mr. Floyd Sterling (Gulf States Region President)

AISC: American Institute of Steel Construction:

- 06/29/15 – Composite Floor Vibration – Part 3: Special Considerations
- 06/22/15 – Composite Floor Vibration – Part 2: Walking Vibrations
- 06/08/19 – Composite Floor Vibration – Part 1: Basics of Floor Vibrations
- 06/01/15 - Practical Implementation of Composite Floor Designs
- 05/18/15 – Advanced Composite Beam Topics
- 05/11/15 – Composite Girder Design and Member Serviceability
- 05/05/15 – Fundamentals of Composite Beam Behavior and Design
- 04/27/15 – Introduction to Composite Beam Behavior and Design

ICC – International Code Council:

- 06/24/16 – 2012 IRC Performing Residential Building Inspections
- 05/05/16 – 2012 IBC Means of Egress
- 10/08/15 – 2012 IEBC Fundamentals
- 10/07/15 – 2012 IRC Performing Residential Plan Review
- September 23, 2015; 2012 IBC Inspection of Fire Resistance Rated Walls
2012 IBC Inspection of Fire Resistance Rated Floors, Ceilings and
Roofs; Guest Speaker: Jay Woodward
- August 19, 2015; Code Requirement for Manual J, D, & S
Guest Speaker: Kenny Ripberger; Phil Granier
- June 24, 2015; Photovoltaic System
Guest Speaker: John Farinelli
- 12/5/14 – 2012 IRC Performing Residential Plan Reviews
- 06/19/14 – High Wind Design & Construction
- 06/18/14 – Design Criteria Related to Products of ICI
- 12/06/13 – Wood Frame Construction
- 12/07/12 – 2009 IBC Concepts of Designing Wood Structures



- 05/03/12 – Coastal Construction Techniques: Wind & Flood Mitigation

NOMAS: National Organization of Minority Architects:

- 02/01/18 – Fire Safety in Buildings Part 1: Fire behavior and Fire Department Operations
- 10/12/16 – Metrics of Business Development
- 10/12/16 – NCARB and You
- 10/17/15 – Ethics Jeopardy: Avoiding a game Ending Move
- 10/16/15 – The African American Churches of Central New Orleans
- 10/16/15 – Thinking collaboratively, Manipulating Technology to Direct the Design Process
- 10/16/15 – Characteristics of High Performing Firms
- 10/16/15 – Design Health. Justice in the built environment
- 10/10/15 – Panel Discussion on Professional Perspectives

Kitchen & Bath Design News:

- March 26, 2015; How Contemporary Design and Cutting –edge Technology can Result in Sales/Profits for Designers Working with Today’s New Clients.
Guest Speaker: Ellen Cheever
Eric Schimelpfenig

CRBA – Capital Region Builders Association:

- March 21, 2015; Risk Management & Quality Control

Simpson Strong-Tie:

- June 19, 2014; High Wind Design & Construction
- June 18, 2014; Design Criteria Related to Products for ICI

CRBA & Area Building Officials:

- March 8, 2014; Water Intrusion Issues & Workers Cop Issues
- March 9, 2013; Exterior Finishes and Builder Issues
- March 3, 2012; Common Coded Rejections and Uniform Construction Code, Wind Speed

Prosource- Laticrete, stonetech, ICF, Masterbrand, Shaw
Dec. 13, 2012

- Laticrete AIA-01 Water as a design Medium for Tile and Stone Installations
 - Guest Speaker- Ben Noveck

EDUCATION SEMINARS (continue):

- 08/21/18 - Building Green with Pain & Coatings
- 08/21/18 – Lighting Design and Controls
- 08/21/18 – Specifying wood ceilings and walls
- 11/14/17 – Sustainable Design uses for Large Opening Wall Systems
- 10/17/17 – Solutions for Tile Installation
- 10/10/17 – Access Control Overview
- 06/13/17 – LED sustainable Architectural Lighting Design
- 04/05/17 – Designing wood frame structures for High winds
- 04/05/17 – Design Consideration for Durable Wood structures
- 03/17/17 – Suspended Wood Ceilings-Design to Delivery
- 03/14/17 – Bursi Roofing Systems
- 03/10/17 – Building Codes in Architecture



- 03/01/17 – Fundamentals of Clay Tile Roofs
- 03/01/17 – Expansion Joint Fire Barriers, Principles, Practices & Problems
- 10/29/16 – Designing with Rolling Steel Fire Doors
- 08/09/16 – School Security- Classroom Door locking Solutions
- 07/12/16 – Sustainable Leak Free Roof Systems
- 05/10/16 – Modern Solution for Floor Preparation
- 04/01/16 – High Performance Building Envelope Designs with Insulating Concrete Forms
- 01/12/16 – Tile installations 25 years of Changes & Trends
- 11/10/15 – How Low-E Coatings Improve Building Performance
- 09/01/15 – Transportation Reality Modeling Using Digital Photographs
- 08/19/15 - Code Requirements for Manual J, D, & S
- DuPont Stonetech – Problems and characteristics of natural stone
 - Guest Speaker- Albert Steel
- ICF-Benefits of ICF (Insulating Concrete Forms) construction
 - Guest Speaker- Earl Fowler
- Masterbrand-Comparison of Job Site Cabinets versus Factory Built Cabinets
 - Guest Speaker- Mike DiJohn
- Shaw Industries-Discuss tech of carpet Products
 - Guest Speaker- John Witmer, Tech Services
 - Guest Speaker- Collin Magnuson, Hard Surface Brand Manage

AIBD – American Institute of Building Design Seminars:

- May 18, 2012; Foundation Post Tension
 - Course Topic:
 - Builders Post Tension
 - Guest Speaker: Brian Patin
 - East Baton Rouge Parish Permit Department
 - Guest Speaker- Carey Chauvin
 - LA House Resource Center
 - Guest Speaker- Dr. Claudette Reichel
 - Anthony Forest Products
 - Guest Speaker- Mr. Kerlin Drake

SKILLS

- Microsoft Office Specialist in PowerPoint
- Microsoft Office Specialist in Word
- Microsoft Office Specialist in Excel
- Photoshop CS5
- Adobe InDesign
- Google Sketch up
- Autodesk Revit 2019
- Autodesk 3D Max 2016
- Google Earth
- Wright Soft HVAC Design
- Wood Works Design Office
- Chief Architect X11



- Architectural Model Making

ACCOLADES

- 2018-2019 – CSI Baton Rouge Chapter President
- 2010-2011 Worked on Scotlandville Upraising Planning Team
- 2010-2012 Vice President-Design Build Institute of America for SUSA
- 2011-2012 President - Construction Specifications Institute for SUSA
- 2010-2011 City of St. Gabriel Building Inspector Analyst
-

WORK EXPERIENCE

- 8/16 - Sr. Project Manager:
Obtain, manage and direct turnkey projects - Meet with clients and real estate brokers to establish design scope , cost budget and construction schedule, design and prepare construction drawing to obtain construction permit, obtain financing and construction bid, hire subcontractors, purchase material and equipment from vendors.
- 3/14 Project Manager:
Responsibility to assist project manager and/or superintendents in coordinating the activities of a project to ensure cost, schedule, document control and quality standards are met.
- 8/12 Designer:
Meet with clients to discuss budgets and aspirations. Consult with landscape consultants to understand construction site and create different concepts for the project for presentation to the client. Incorporate client comments on concepts, architectural designers work with engineers to create a design that works within the client budget.
- 5/11 Reed Builders, L.L.C.
- 4/10 City of St Gabriel Building Office
 - Building Official: Randall Johnson



- 10/03/18 – How to avoid the Top 5 problems with Door Hardware Specifications
- 10/03/18 – Historic Building Structural Repairs
- 10/03/18 – Fire and Smoke Protection Features and the New 2018 International Fire Code 701 Requirements
- 03/17/17 – Architecture Building Relationships
- 06/21/16 – Deteriorating Building: Ticking Time Bomb
- 06/21/16 – Color & Paint in Environment for the Aging
- 05/19/16 – Why is accessibility So Hard?

CSI- CONSTRUCTION SPECIFICATIONS INSTITUTE SEMINARS:

- 06/09/18 – Anatomy of a failure: Case Study of the Gatlinburg Wasterwater Treatment Plant Collapse
- 06/08/18 – Bad Design Can Be a crime: ADA issues
- 10/28/16 – Rolling Steel Fire Rated doors, fire barriers, hardware basics, coatings
- 02/26/16 – Challenges with Fire systems specifications
- 10/13/15 – Opening Doors to Design Opportunities with the Model building codes
- 03/10/15 – Codes, Design, and Safe Buildings
- 02/10/15 – Construction Management and Dealing with Trees
- 07/18/11 – “Devil is in the Details”, Importance of understanding project details
- February 10, 2014 - Joint Social Meeting
Guest Speaker- Mr. Floyd Sterling (Gulf States Region President)

CDT Certification Roundtable Sessions

- October 15, 2011
- October 29, 2011
- November 19, 2011
- September 13, 2011- Baton Rouge Meeting
Guest Speaker- Craig Marks
“Site Preparation, Placing, & Finishing”
- July 20, 2011- Joint Social Meeting
Guest Speaker- Mr. Floyd Sterling (Gulf States Region President)

AISC: American Institute of Steel Construction:

- 06/29/15 – Composite Floor Vibration – Part 3: Special Considerations
- 06/22/15 – Composite Floor Vibration – Part 2: Walking Vibrations
- 06/08/19 – Composite Floor Vibration – Part 1: Basics of Floor Vibrations
- 06/01/15 - Practical Implementation of Composite Floor Designs
- 05/18/15 – Advanced Composite Beam Topics
- 05/11/15 – Composite Girder Design and Member Serviceability



J. Darrell Evers
10153 Runnymede Ave
Baton Rouge, LA 70815
July 3, 2003

Letter of Recommendation
Raphew Reed
1414 Study Lane Lake
Baton Rouge, LA 70810

I am pleased to be able to write this letter of recommendation for Raphew Reed, a subordinate, a co-worker, and a friend. Raphew Reed was one of two key mechanical engineers in my department when I took over as Engineering Manager at the "then" Arcadian Inc. plant at Geismar, LA in 1989. The plant has subsequently changed owners and is now PCS Nitrogen, INC. It was a large facility consisting of an Ammonia plant, 3 Nitric Acid plants, Urea unit, large Sulfuric Acid plant, Steam and cooling water facilities, and a gas fired turbine electric generator rated 20 megawatts.

Raphew worked as a project engineer in all areas of the plant including several large environmental projects associated with Arcadian's gypsum stacks. As such, he supervised several "contract" project engineers and co-ordinate the efforts of several different engineering firms hired to design and help build several large expansions in every area of the plant. Raphew was a stickler for detail and thoroughness for himself and those he supervised. Raphew had the reputation as the Plant Standards and Code Engineer.

As a "Plant Engineer", Raphew understands the importance of production and takes pride in being on-time on all his projects. He well understands the need to be within budget and the importance of accurate estimating. Raphew has several years experience in plant maintenance which has given him a deep impression of the importance of plant operation. He keeps detailed records of all his projects and writes concise and pertinent reports. His longevity at the same plant under several different supervisors is a testimony of his success as an engineer.

After my job responsibilities at PCS changed in 1995, I worked with Raphew on several different projects on which he was the lead engineer. He has become a valued friend, and I highly recommend him as a project engineer, mechanical engineer, and dedicated worker.

Joseph D. Evers
Joseph D. Evers
Tele: (225) 928-7943





Hon. George L. Grace, Sr., Mayor
City of St. Gabriel
P.O. Box 597
St. Gabriel, LA 70776

Re: Raphew Reed, Sr., Reed Builders, LLC

Dear Mayor Grace,

I am writing to introduce our client, Mr. Raphew Reed, Sr. of Reed Builders, LLC.

I've personally known Mr. Reed for approximately twenty years and am proud to call him a customer of Liberty Bank and Trust Company. Mr. Reed has handled all of his loans, lines and deposit accounts in an exemplary manner and we look forward to serving in whatever capacity he will need as you move forward with developing St. Gabriel with safe and decent yet affordable housing for your community.

I am confident your experience working with Reed will be professional and pleasant. We have found him to be punctual, professional and honest in every aspect of his operation. I highly recommend the Reed Team, particularly if you want your development completed on time and within budget.

Sincerely

Wil Nabers, President – Baton Rouge Region
Liberty Bank and Trust Company

Cc Reed Builders



NITRIC ACID MANAGER LETTER OF RECOMMENDATION



PCS NITROGEN FERTILIZER, L. P. P. O. BOX 167, GEISMAR, LA USA 70734
PHONE: (225) 621-1821 FAX: (225) 621-1683

June 20, 2003

To whom it may concern:

I have worked with Raphew Reed since 1995 at PCS Nitrogen's Geismar fertilizer complex. During that period Raphew has worked on several large projects either as a Senior Project Engineer or a Project Manager. Projects that he has worked on during this period have ranged upwards to \$18 MM.

Raphew works well with construction and engineering companies that have been contracted to assist in the construction of these projects. He keeps close control on project costs and visits his job sites regularly to help insure that the work is installed correctly and in a safe manner. Raphew is especially good at insuring that all documentation on his projects are properly saved and filed.

I feel Raphew will work out well in any Project Engineer or Project Manager position that you may have.

Sincerely,

A handwritten signature in cursive script that reads 'Robert Brinker'.

Robert Brinker

Nitric Acid Technology Manager



The Geismar PELICAN BRIEF



Vol. 18, No. 1

Official Quarterly Publication of PCS Nitrogen Fertilizer, L.P.

1st Quarter 2001

PCS Commissions Vapor Scrubbing System to Reduce Pollutant Rates

■ Chad Bourgeois & Raphew Reed

On Friday, September 14, an overhead vapor scrubbing system was commissioned in the Ammonium Nitrate Train # 1 Plant located at the PCS Geismar Nitrogen Production Facility. The system was implemented in order to significantly reduce pollutant emission rates. In addition to lowering the quantities of these pollutants emitted to atmosphere, the scrubbing system will also improve the appearance of the Train 1 AN stack by significantly reducing stack opacity. The system was started up with no major problems, and analysis of process data indicates that the scrubber is accomplishing all environmental performance objectives. The scrubber will allow for excess water to be vented to atmosphere prior to being condensed, while still maintaining permitted emission rates. This will



help to eliminate water balance problems that have occurred in the past, and increase operational flexibility with regards to AN rates.

As shown by these photographs, the scrubber is of considerable size. The vessel is nine feet in diameter, with the top of structure standing approximately 100 ft. above grade. As you can also see in the photograph, a very large crane (1,200-ton capacity) was required to set the scrubber in place, thus making this lift a very unique event to witness. Execution of a project of this nature required a joint effort between the Production, Engineering, Maintenance, Environmental and Safety Departments. All groups worked together as a team to execute the construction work in such a manner to complete the job on schedule per our commitment to the state environmental regulatory agency.



Inside Highlights

Manager's Message	2
New Employees	2
Gap Stack Project Optimizes Management of Water	3
Blue Boys Highlight	4-6
Recent Retirements	6
PCS Beer Tournament	7





PCS-NITROGEN FERTILISER, LP, P.O. BOX 2007, GEISMAR, VA 22626-7004
PHONE: (226) 821-1500 FAX: (226) 821-1004

July 7, 2003

Letter of Reference
Raphew T. Reed
Social Security:

Mr. Reed has been employed at the PCS Nitrogen, Geismar Site since March 11, 1980.

He began his employment as a Maintenance Engineer. He progressed through the Maintenance Engineer position, then Project Engineer position and attained the present position of Senior Project Engineer.

Mr. Reed has managed small to multi-million dollar projects in our Engineering Department. He has been reliable, dedicated and committed to producing quality work whether in his project work or just providing services for other site personnel. He interacted with all levels of employees on site and was an integral part of the Engineering Team.

The PCS family members will sorely miss his knowledge and abilities.

We feel he would make a very positive contribution to whatever organization he would join.

Sincerely,

A handwritten signature in black ink that reads "Mike Hebert". The signature is written in a cursive, somewhat stylized script.

Mike Hebert
PCS Nitrogen
Manager Human Resources
Geismar Site

